

SYNOPSIS OF NORTH AMERICAN CICADIDAE.

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The following synopsis will enable one to easily distinguish our North American species.

GENERA.

A. Second abdominal segment of the male expanded and partly or wholly concealing the tympanum.

B. Side margins of the thorax expanded horizontally. *Zammara*.

BB. Side margins of the thorax not horizontal, hardly expanded.

C. First apical crossvein oblique.

D. Basal cell of anterior wing less than twice as long as broad. *Cicada*.

DD. Basal cell of anterior wing twice as long as broad. *Tettigia*.

CC. First apical crossvein forming right angles with the principal veins. *Proarna*.

AA. Second abdominal segment of the male not expanded. Tympanum free or wanting.

E. Ulnar veins separate and distinct at base.

F. Tympanum present *Tibicen*.

FF. Tympanum wanting, wings rather shorter and

broader than usual, cells wide. *Platypedia*.

EE. Ulnar veins united at base. *Melampsalta*.

SPECIES.

Zammara Am. & Serv.

smaragdina Walker.

angulosa Walker.

San Diego, California; also Mexico.

Cicada Linn.

a. Opercles rounded behind in both sexes.

b. Wings unclouded except at the crossveins.

c. A median dorsal row of white spots on the abdomen above. *dorsata*.

cc. No dorsal white spots on the abdomen.

d. Male genitals broad, median dorsal spine generally short, blunt, or wanting. Anterior prothoracic spots generally separated from the others. *marginata*.

dd. Male genitals narrow, median dorsal spine generally large and acute. Anterior prothoracic spots always united with the others. All generally forming a broad V-shaped spot. *tibicen*.

bb. Wings clouded at their tips,
body green marked with black.
superba.

aa. Opercles white, pointed behind
in both sexes. *albipennis.*

dorsata Say. —
robertsoni Fitch.

On the prairies, Illinois to Texas.

marginata Say. —

aurifera Say.

auletes Germar.

resh Haldeman.

bicostata Walker.

New Jersey to Utah, and southward
to Mexico.

tibicen Linn. —
opercularis Olivier.

pruinosa Say.

lyricen DeGeer.

canicularis Harris.

All the United States east of the
Rocky Mountains, and also south-
ward to Brazil.

superba Fitch. —
Arkansas, Indian Territory.

albipennis Say. —
Arizona.

Tettigia Kol.

hieroglyphica Say. —
characteria Germ.
johannis Walk.

sexguttata Walk.

New Jersey southward to Mexico.

Proarna Stål.

championi Distant. —
Texas, Mexico.

Tibicen Latr.

a. Head much narrower than the
thorax.

b. Expanse of wings 40 mm.,
markings yellow. *synodica.*

bb. Expanse of wings 60-70 mm.,
markings brown or brownish
yellow. *rimosa.*

aa. Head nearly as wide as the pro-
thorax. *septendecim.*

synodica Say. —
Illinois, Colorado.

rimosa Say. —
hesperina Uhler.
striatipes Hald.
noveboracensis Emmons.
occidentalis Walker.

All the northern part of the United
States, and in Canada.

septendecim Linn. —
cassini Fisher.
tredecim Riley.

Eastern part of U. S. as far north as
New York and Michigan, and
west to Colorado.

Platypedia Uhler.

areolata Uhler. —
putnami Uhler.
Colorado to California.

Melampsalta Kol.

parvula Say —
pallescens Germ.
Southern states, as far north as Ga.,
Ill. and Kansas.